



**California State Fire Marshal**  
**National Fire Incident Reporting System**

Data as of: 03/20/2007 11:34:04AM

**FDID Range:**  
0 to No Upper Bound

**Incident Date Range:**  
01/01/2003 to 12/31/2006

**Incident Type:**  
111 to 123

**Detector Presence:**  
1 to U

**Presence and Type of Detection Systems, 2003-2006**

<u>Incident Year</u>	<u>Detector Presence</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>2003</b>									
	<b>Detectors Present</b>								
		Combination smoke - heat	162	\$1,799,973	\$1,137,076	6	0	3	0
		Heat	34	\$417,705	\$575,355	0	0	0	0
		More than 1 type present	61	\$437,500	\$230,879	4	0	0	0
		Other	42	\$344,005	\$174,012	2	0	2	0
		Smoke	2,087	\$38,596,043	\$13,154,305	37	0	87	17
		Sprinkler, water flow detection	85	\$4,713,200	\$8,531,070	6	0	2	0
		Undetermined	643	\$12,528,417	\$2,924,423	14	0	22	4
		<b>Subtotal</b>	<b>3,114</b>	<b>\$58,836,843</b>	<b>\$26,727,120</b>	<b>69</b>	<b>0</b>	<b>116</b>	<b>21</b>
	<b>None Present</b>								
		(Unspecified)	3,320	\$85,290,530	\$33,765,038	60	0	83	10
		<b>Subtotal</b>	<b>3,320</b>	<b>\$85,290,530</b>	<b>\$33,765,038</b>	<b>60</b>	<b>0</b>	<b>83</b>	<b>10</b>
	<b>Undetermined</b>								
		(Unspecified)	661	\$19,421,227	\$8,460,388	11	0	26	6
		<b>Subtotal</b>	<b>661</b>	<b>\$19,421,227</b>	<b>\$8,460,388</b>	<b>11</b>	<b>0</b>	<b>26</b>	<b>6</b>
<b>2003</b>	<b>Total</b>		<b>7,095</b>	<b>\$163,548,600</b>	<b>\$68,952,546</b>	<b>140</b>	<b>0</b>	<b>225</b>	<b>37</b>
<b>2004</b>									
	<b>Detectors Present</b>								
		Combination smoke - heat	147	\$3,452,925	\$1,090,685	0	0	2	0
		Heat	64	\$2,531,801	\$1,072,747	0	0	1	0
		More than 1 type present	93	\$11,456,850	\$25,357,720	1	0	4	0
		Other	32	\$482,200	\$225,100	0	0	0	0
		Smoke	3,081	\$64,586,099	\$23,370,848	44	0	139	17

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2004		Sprinkler, water flow detection	111	\$4,189,550	\$1,967,701	1	0	2	0	
		Undetermined	673	\$20,013,380	\$6,545,516	7	0	25	1	
		Subtotal	4,201	\$106,712,805	\$59,630,317	53	0	173	18	
	None Present	(Unspecified)	4,473	\$105,814,025	\$40,318,432	46	0	92	19	
		Subtotal	4,473	\$105,814,025	\$40,318,432	46	0	92	19	
	Undetermined	(Unspecified)	1,492	\$48,615,693	\$18,818,520	40	0	81	18	
		Subtotal	1,492	\$48,615,693	\$18,818,520	40	0	81	18	
	2004	Total	10,166	\$261,142,523	\$118,767,269	139	0	346	55	
	2005	Detectors Present	Combination smoke - heat	220	\$10,227,513	\$1,834,130	5	0	3	0
			Heat	79	\$1,584,225	\$1,260,150	0	0	1	0
			More than 1 type present	130	\$811,010	\$3,573,246	2	0	2	0
			Other	42	\$2,090,900	\$1,528,501	0	0	1	1
			Smoke	3,837	\$111,108,071	\$37,848,263	61	0	194	20
			Sprinkler, water flow detection	172	\$2,367,651	\$14,253,226	5	0	8	0
			Undetermined	637	\$23,270,078	\$11,243,051	8	0	38	4
Subtotal			5,117	\$151,459,448	\$71,540,567	81	0	247	25	
None Present		(Unspecified)	4,670	\$134,803,980	\$53,159,091	76	0	116	24	
		Subtotal	4,670	\$134,803,980	\$53,159,091	76	0	116	24	
Undetermined		(Unspecified)	2,850	\$112,276,004	\$35,489,418	59	1	126	26	
		Subtotal	2,850	\$112,276,004	\$35,489,418	59	1	126	26	
2005		Total	12,637	\$398,539,432	\$160,189,076	216	1	489	75	
2006		Detectors Present	Combination smoke - heat	158	\$4,529,151	\$1,823,964	0	0	6	1
			Heat	49	\$1,646,375	\$344,321	1	0	0	0
	More than 1 type present		101	\$2,537,721	\$3,220,066	0	0	0	0	

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		Other	34	\$496,220	\$220,910	0	0	1	0
		Smoke	2,632	\$73,427,956	\$20,559,917	57	0	123	16
		Sprinkler, water flow detection	112	\$102,700,300	\$1,370,200	0	0	3	0
		Undetermined	385	\$14,619,087	\$5,068,561	14	0	28	10
		<b>Subtotal</b>	<b>3,471</b>	<b>\$199,956,810</b>	<b>\$32,607,939</b>	<b>72</b>	<b>0</b>	<b>161</b>	<b>27</b>
	<b>None Present</b>								
		(Unspecified)	2,996	\$84,876,649	\$31,967,801	42	1	67	24
		<b>Subtotal</b>	<b>2,996</b>	<b>\$84,876,649</b>	<b>\$31,967,801</b>	<b>42</b>	<b>1</b>	<b>67</b>	<b>24</b>
	<b>Undetermined</b>								
		(Unspecified)	2,479	\$212,904,876	\$49,652,449	28	0	112	27
		<b>Subtotal</b>	<b>2,479</b>	<b>\$212,904,876</b>	<b>\$49,652,449</b>	<b>28</b>	<b>0</b>	<b>112</b>	<b>27</b>
<b>2006</b>	<b>Total</b>		<b>8,946</b>	<b>\$497,738,335</b>	<b>\$114,228,189</b>	<b>142</b>	<b>1</b>	<b>340</b>	<b>78</b>
	<b>Grand Total</b>		<b>38,844</b>	<b>\$1,320,968,890</b>	<b>\$462,137,080</b>	<b>637</b>	<b>2</b>	<b>1,400</b>	<b>245</b>

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.

## Presence and Type of Detection Systems, 2003-2006

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### Parameters:

**FDID Range:** 0 to No Upper Bound

**Incident Date Range:** 01/01/2003 to 12/31/2006

**Incident Type:** 111 to 123

**Detector Presence:** 1 to U

### Selection Criteria:

{INCIDENTKEY.FDID}={?FDIDrange} and  
{INCIDENTKEY.IN\_STATUS}='V' and  
{INCIDENTKEY.IN\_DATE}={?IncidentDateRange} and

{IN\_BASIC.IN\_TYPE}={?IncidentType} and  
{FIRE\_STRUCTURE.STR\_DETECTPRESENCE}={?DetectorPresence}